

U.S. DEPARTMENT OF COMMERCE
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(Use Several Sheets if Necessary)

Date: January 26, 2001

Attorney Docket No.
8733.177.00

Application No.

10739,948

Applicant
Sergey E. Yakovenko, et al.Filing Date
April 21, 2000Group
2871

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
①	AA	3,914,022	10/21/75	Kashnow			
①	AB	4,581,608	04/08/86	Aftergut, et al.			
①	AC	4,701,028	10/20/87	Clerc, et al.			
①	AD	4,728,175	03/01/88	Baron			
①	AE	4,786,147	11/22/88	Clerc, et al.			
①	AF	4,889,412	12/26/89	Clerc, et al.			
①	AG	4,937,566	06/26/90	Clerc			
①	AH	4,978,203	12/18/90	Yamazaki, et al.			
①	AI	5,039,185	08/13/91	Uchida, et al.			
①	AJ	5,093,741	03/03/92	Shohara, et al.			

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	TRANSLATION	
				YES	NO
①	AK	2 296 810 (A)	07/10/96	X	
①	AL	2 321 718 (A)	08/05/98	X	
①	AM	2 337 843 (A)	12/01/99	X	
①	AN	0 752 611 (A2)	01/08/97	X	
①	AO	0 814 142 (A2)	12/29/97	X	
①	AP	0 854 377 (A2)	07/22/98	X	
①	AQ	0 884 626 (A2)	12/16/98	X	

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①	AR	SID 93 DIGEST, 19.2 "Two-Domain TN-LCDs Fabricated by Parallel Fringe Field Method," by A. Lien and R.A. John, IBM T.J. Watson Research Center, Yorktown Heights, NY., pp. 269-72
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(Q)	AA	5,182,664	01/26/93	Clerc			
(P)	AB	5,229,873	07/20/93	Hirose, et al.			
(D)	AC	5,309,264	05/03/94	Lien, et al.			
(Q)	AD	5,339,181	08/16/94	Kim, et al.			
(Q)	AE	5,477,358	12/19/95	Rosenblatt, et al.			
(Q)	AF	5,517,341	05/14/96	Kim, et al.			
(P)	AG	5,517,342	05/14/96	Kim, et al.			
(Q)	AH	5,574,582	11/12/96	Takeda, et al.			
(Q)	AI	5,602,662	02/11/97	Rosenblatt, et al.			
(Q)	AJ	5,608,556	03/04/97	Koma			

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	Document No.	Date	Country	TRANSLATION	
				YES	NO
(Q)	AK	02-294622	12/05/90 JAPAN	ABSTRACT	
(Q)	AL	03-261914	11/21/91 JAPAN XX	ABSTRACT	
(D)	AM	04-067127	03/03/92 JAPAN	ABSTRACT	
(Q)	AN	04-261522	09/17/92 JAPAN	ABSTRACT	
(Q)	AO	05-002161	01/08/93 JAPAN XX	ABSTRACT	
(Q)	AP	05-297412	11/12/93 JAPAN	ABSTRACT	
(Q)	AQ	06-194656	07/15/94 JAPAN	ABSTRACT	

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AR	SID 94 DIGEST, P45: "TFT-Addressed Two-Domain TN VGA Displays Fabricated Using the Parallel-Fringe-Field Method," by A. Lien, R.A. John, IBM T.J. Watson Research Center, Yorktown Heights, NY, pp. 594-7		
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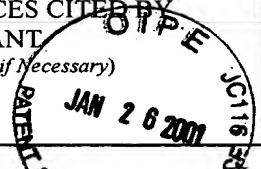
Date Considered: 3/30/01

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Q	AA	5,621,558	04/15/97	Shimada, et al.			
Q	AB	5,623,354	04/22/97	Lien, et al.			
Q	AC	5,666,179	09/09/97	Koma			
Q	AD	5,668,650	09/16/97	Mori, et al.			
Q	AE	5,673,092	09/30/97	Horie, et al.			
Q	AF	5,686,977	11/11/97	Kim, et al.			
Q	AG	5,737,051	04/07/98	Kondo, et al.			
Q	AH	5,767,926	06/16/98	Kim, et al.			
Q	AI	5,777,701	07/07/98	Zhang			
Q	AJ	5,777,711	07/07/98	Sugiyama			

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Q	AK	06-194657	07/15/94	JAPAN	ABSTRACT	
Q	AL	06-258649	09/16/94	JAPAN *	ABSTRACT	
Q	AM	06-273798	09/30/94	JAPAN *	ABSTRACT	
Q	AN	06-281959	10/07/94	JAPAN	ABSTRACT	
Q	AO	06-301036	10/28/94	JAPAN	ABSTRACT	
Q	AP	06-347824	12/22/94	JAPAN	ABSTRACT	
Q	AQ	07-013164	01/17/95	JAPAN	ABSTRACT	

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Q	AR	SID 95 DIGEST, 41.2 "No-Rub Multi-Domain TFT-LCD Using Surrounding-Electrode Method," by N. Koma, Y. Baba and K. Matsuoka, Sanyo Electric Co., Ltd., Gifu, Japan, pp. 869-72
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Date Considered: 5/30/03

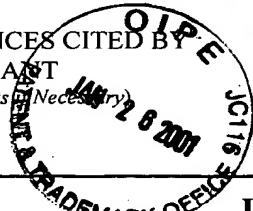
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<input checked="" type="checkbox"/>	AA	5,249,070	09/28/93	Takano			

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	TRANSLATION	
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<input checked="" type="checkbox"/>	AB	07-013166	01/17/95	JAPAN	ABSTRACT
<input checked="" type="checkbox"/>	AC	07-028063	01/31/95	JAPAN	ABSTRACT
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<input checked="" type="checkbox"/>	AH	07-181493	07/21/95	JAPAN	ABSTRACT
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<input checked="" type="checkbox"/>	AL	08-022023	01/23/96	JAPAN	ABSTRACT
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<input checked="" type="checkbox"/>	AQ	08-220524	08/30/96	JAPAN	ABSTRACT

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<input checked="" type="checkbox"/>	AR	Euro Display '96, 11.3 "Novel high contrast random and controlled 4-domain CTN-LCDs with wide viewing angle," by H. Murai, M. Suzuki and S. Kaneko, NEC Corp., Kawasaki, Japan, pp. 159-61
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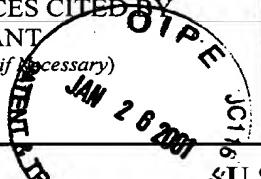
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	AA						

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	Document No.	Date	Country	TRANSLATION	
				YES	NO
①	AB	08-313915	11/29/96	JAPAN	ABSTRACT
①	AC	09-022025	01/21/97	JAPAN	ABSTRACT
①	AD	09-033890	02/07/97	JAPAN	ABSTRACT
①	AE	09-152583	06/10/97	JAPAN	ABSTRACT
①	AF	09-197420	07/31/97	JAPAN	ABSTRACT
①	AG	09-230360	09/05/97	JAPAN	ABSTRACT
①	AH	09-230387	09/05/97	JAPAN	ABSTRACT
①	AI	09-236821	09/09/97	JAPAN	ABSTRACT
①	AJ	09-325373	12/16/97	JAPAN	ABSTRACT
①	AK	10-301112	11/13/98	JAPAN	ABSTRACT
①	AL	10-333180	12/18/98	JAPAN	ABSTRACT
①	AM	11-109355	04/23/99	JAPAN	ABSTRACT
①	AN	11-109356	04/23/99	JAPAN	ABSTRACT
①	AO	11-109358	04/23/99	JAPAN	ABSTRACT
①	AP	11-109362	04/23/99	JAPAN	ABSTRACT
①	AQ	11-109391	04/23/99	JAPAN	ABSTRACT

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①	AR	IDW '97, "A Vertically Aligned LCD Providing Super-High Image Quality," by Y. Koike, S. Kataoka, T. Sasaki, H. Chida, H. Tsuda, A. Takeda and K. Ohmuro, Fujitsu Limited, pp. 159-62
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	Document No.	Date	Country	TRANSLATION	
				YES	NO
Q	AB	11-119198	04/30/99	JAPAN	ABSTRACT
Q	AC	11-119209	04/30/99	JAPAN	ABSTRACT
P	AD	11-148078	06/02/99	JAPAN	ABSTRACT
Q	AE	11-149076	06/02/99	JAPAN	ABSTRACT
V	AF	11-149079	06/02/99	JAPAN	ABSTRACT
D	AG	11-149093	06/02/99	JAPAN	ABSTRACT
Q	AH	11-223807	08/17/99	JAPAN	ABSTRACT
Q	AI	11-223808	08/17/99	JAPAN	ABSTRACT
	AJ				
	AK				
	AL				
	AM				
	AN				

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Q	AO	SID 97 DIGEST, P-1 "Development of a High-Quality TFT-LCD for Projection Displays," N. Koma and R. Nishikawa, Sanyo Electric Co., Ltd., Gifu, Japan, pp. 461-4
Q	AP	SID 97 DIGEST, 33.3 "Development of Super-High-Image-Quality Vertical-Alignment-Mode LCD," by K. Ohmuro, S. Kataoka, T. Sasaki and Y. Koike, Fujitsu Ltd., Atsugi, Japan, pp. 845-8
	AQ	

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